

ABSTRACT OF THE DISCLOSURE

A catcher, having an immunological epitope, is fixed to a detection zone of a spreading layer. A marker, capable of easy detection, has an immunological epitope. The marker and bispecific antibodies are soluble so that they can move
5 on the spreading layer. The bispecific antibodies include a first bispecific antibody, having specificity for the detectable material in the fluid sample and the marker, and a second bispecific antibody, having specificity for the detectable material in the fluid sample and the catcher. Pore sizes and particle diameters are set so that the reaction product in which the marking elements and the particles
10 are bonded are caught at a catching section. The concentration of the marking elements and the particles are increased to improve detection sensitivity. The result is an inexpensive and simple detection apparatus being highly-sensitive for the immunological detection of a detectable material, without wasting valuable antibodies.